

WHAT IS CLAIMED IS:

1. A reflective signal booster adapted to incorporate an omni-directional antenna for improving performance of the antenna, the signal booster comprising:
a metallic reflector arranged at a designated angle with respect to the antenna and substantially parallel to the antenna;
an angle fixer made of a dielectric material for fixing the reflector and maintaining the angle of the reflector with respect to the antenna; and
a support sleeve made of a dielectric material supporting the antenna in position.
2. The reflective signal booster according to Claim 1, wherein the metallic reflector is made of copper plate.
3. The reflective signal booster according to Claim 1, wherein the metallic reflector is made of copper foil.
4. The reflective signal booster according to Claim 1, wherein the metallic reflector is made of aluminum plate.
5. The reflective signal booster according to Claim 1, wherein the metallic reflector is made of aluminum foil.
6. The reflective signal booster according to Claim 1, wherein the metallic reflector is made of iron plate.
7. The reflective signal booster according to Claim 1, wherein the metallic reflector is made of plastic-metal laminated films.
8. The reflective signal booster according to Claim 1, wherein the metallic reflector comprises two reflective surfaces forming a predetermined angle therebetween with the antenna positioned therebetween by the support.
9. The reflective signal booster according to Claim 8, wherein the metallic reflector is made of two metal plates forming the reflective surfaces.